

ATTORNEY DOCKET NO.

SERIAL NO. 10/715,300

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Steven R. Pauley

Serial No.:

10/715,300

Filing Date

November 17, 2003

Title:

Dear Sir:

Multi-Purpose Well Bores and Method for Accessing a

Subterranean Zone from the Surface

Commissioner For Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Certificate of Mailing by

Express Mail No. EV 323450845 US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37.C.F.R. 1.10 on the date shown below, and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Name: Willie Jiles

Date: February 16, 2004

INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §§ 1.56, .97, and .98, Applicant respectfully requests that the references listed in the attached PTO-1449 form be considered and cited in the examination of the Application. The present Application was filed after June 30, 2003. Therefore, under the July 11, 2003, waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office, copies of U.S. Patents and U.S. Patent Application Publications listed in the attached PTO-1449 form are not enclosed. Copies of all other references are enclosed for the convenience of the Examiner.

The Examiner should note that with respect to the submission entitled "Documents Received From Third Party," Applicant believes that the handwritten information included in that submission was added by the third party at the time the information was sent to Applicant. Applicant has attempted to verify the accuracy of this handwritten information with the third party (for example, the accuracy of the handwritten date included in this information), but has not received a response.

SERIAL NO. 10/715,300

ATTORNEY DOCKET NO. 067083.0215

2

The following references SU-1448078-A1, SU-750108, and SU-1770570-A1 are being submitted in the Russian language. Applicants do not have a translation of these documents; however, a copy of the corresponding office action from the Russian Patent Office is included in this Information Disclosure Statement.

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicant believes this Information Disclosure Statement has been filed before the mailing date of the first Official Action. Applicants believe no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.

Attorneys for Applicant

Reg. No. 44,981

Date: February 16, 2004

Correspondence Address:

Baker Botts L.L.P. 2001 Ross Avenue, 6th Floor Dallas, Texas 75201-2980 (214) 953-6986

Customer Number

05073

Page 1 of 16

Applicant(s) Application No. 1449 Steven R. Pauley 10/715,300 EInformation Disclosure Citation Filing Date Docket Number **Group Art Unit** November 17, 2003 067083.0215 in an Application 6 2004 **U.S. PATENT DOCUMENTS** TE HOEM **SUBCLASS FILING DATE** DOCUMENT NO. DATE NAME **CLASS** 04/24/1866 N/A N/A 54,144 Hamar 12/02/1892 N/A N/A 274,740 03/27/1883 Douglass 09/01/1893 N/A N/A C 526,708 10/02/1894 Horton N/A N/A 08/21/1899 Heald 12/12/1899 D 639,036 N/A 10/21/1914 N/A Ε 1,189,560 07/04/1916 Gondos N/A N/A 02/09/1918 11/19/1918 Otto F 1,285,347 N/A 12/19/1921 N/A G 1,467,480 09/11/1923 Hogue 12/08/1920 03/04/1924 Jones N/A N/A $\overline{\mathsf{H}}$ 1,485,615 N/A 04/26/1924 N/A ı 1,520,737 12/30/1924 Wright N/A 08/06/1927 N/A J 1,674,392 06/19/1928 Flansburg 10/07/1930 Capeliuschnicoff N/A N/A 04/04/1927 K 1,777,961 166 21 11/27/1934 L 2,018,285 10/22/1935 Schweitzer et al. 255 76 04/18/1935 M 2,069,482 02/02/1937 Seay N 2,150,228 03/14/1939 Lamb 166 10 08/31/1936 04/01/1937 o 08/15/1939 Boll et al. 255 24 2,169,718 03/18/1947 Р 2,335,085 11/23/1943 Roberts 251 197 09/28/1948 255 76 11/25/1944 Q Barbour 2,450,223 166 4 12/15/1943 R 2,490,350 12/06/1949 Grable 11/23/1949 McGowen, Jr. et al. 166 1 S 2,679,903 06/01/1954 Ragland et al. 255 1.8 05/10/1952 T 2,726,063 12/06/1955 255 1.6 03/31/1952 U 03/31/1952 McCune et al. 2,726,847 25 251 02/11/1955 V 2,783,018 02/26/1957 Lytle 255 76 01/08/1953 W 08/12/1958 Shook 2,847,189 137 625.31 04/09/1956 11/03/1959 Du Bois X 2,911,008 137 637.3 09/08/1958 $\overline{\mathsf{Y}}$ 2,980,142 04/18/1961 Turak 175 53 12/08/1960 Z 09/28/1965 Scarborough 3,208,537 10/17/1967 Dahms et al. 299 4 05/03/1965 AA 3,347,595 175 103 09/13/1967 BB 3,443,648 05/13/1969 Howard DATE CONSIDERED **EXAMINER**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. Patent and Trademark Office

TO-1449	9		Application No. 10/715,300	Applicant(s) Steven R. Pau	_	
Platformation Disclosure Citation of in an Application Ocket Number 067083.0215				Group Art Unit	Filing Date November	17, 2003
6 2004	8\ u		U.S. PATENT DOCUM	ENTS		
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Ast	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
DE MARK. B.	3,503,377	03/31/1970	Beatenbough et al.	123	117	07/30/1968
C.	3,528,516	09/15/1970	Brown	175	267	08/21/1968
D.	3,530,675	09/29/1970	Turzillo	61	35	08/26/1968
E.	3,684,041	08/15/1972	Kammerer, Jr. et al.	175	267	11/16/1970
F.	3,692,041	09/19/1972	Bondi	137	238	01/04/1971
G.	3,757,876	09/11/1973	Pereau	175	267	09/01/1971
Н.	3,757,877	09/11/1973	Leathers	175	269	12/30/1971
<u> </u>	3,800,830	04/02/1974	Etter	137	625.41	01/11/1973
J.	3,809,519	05/07/1974	Garner	425	245	10/19/1972
K.	3,825,081	07/23/1974	McMahon	175	73	03/08/1973
	3,828,867	08/13/1974	Elwood	175	45	05/15/1972
M.	3,874,413	04/01/1975	Valdez	137	625.47	04/01/1975
N.	3,887,008	06/03/1975	Canfield	166	267	03/21/1974
0.	3,902,322	09/02/1975	Watanabe	61	35	08/27/1973
P.	3,902,322	09/02/1975	Dahl et al.	175	45	11/30/1976
		09/23/19/3	Pasini, III et al.	166	254	07/25/1974
Q.	3,934,649					09/26/1974
R.	3,957,082	05/18/1976	Fuson et al.	137	625.41	
S.	3,961,824	06/08/1976	Van Eek et al.	299	17	10/21/1974
T.	4,011,890	03/15/1977	Andersson	137	625.4	11/04/1975
U.	4,022,279	05/10/1977	Driver	166	271	12/23/1974
V.	4,037,658	07/26/1977	Anderson	166	272	10/30/1975
W.	4,073,351	02/14/1978	Baum	175	14	06/10/1976
X.	4,089,374	05/16/1978	Terry	166	259	12/16/1976
Y.	4,116,012	09/26/1978	Abe et al.	405	238	07/14/1977
Z.	4,134,463	01/16/1979	Allen	175	53	06/22/1977
AA.	4,156,437	05/29/1979	Chivens et al.	137	554	02/21/1978
ВВ.	4,169,510	10/02/1979	Meigs	175	65	08/16/1977
XAMIN	ER	1	DATE (CONSIDERED	<u> </u>	

PTO-1449	Application No. 10/715,300	Applicant(s) Steven R. Pau	ley
Information Disclosure Citation in an Application	Docket Number 067083.0215	Group Art Unit	Filing Date November 17, 2003

	U.S. PATENT DOCUMENTS						
	A CA	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DEMA	A.	4,189,184	02/19/1980	Green	299	8	10/13/1978
	В.	4,220,203	09/02/1980	Steeman	166	271	12/06/1978
	C.	4,221,433	09/09/1980	Jacoby	299	4	07/20/1978
	D.	4,224,989	09/30/1980	Blount	166	250	10/30/1978
	E.	4,257,650	03/24/1981	Allen	299	2	09/07/1978
	F.	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
	G.	4,283,088	08/11/1981	Tabakov et al.	299	2	05/14/1979
	Н.	4,296,785	10/27/1981	Vitello et al.	141	105	07/09/1979
	l.	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
	J.	4,303,127	12/01/1981	Freel et al.	166	266	02/11/1980
	K.	4,305,464	12/15/1981	Masszi	166	370	03/07/1980
	L.	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
	М.	4,317,492	03/02/1982	Summers et al.	175	79	02/26/1980
	N.	4,328,577	05/04/1982	Abbott et al.	370	84	06/03/1980
	Ο.	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
	P.	4,372,398	02/08/1983	Kuckes	175	45	11/04/1980
	Q.	4,386,665	06/07/1983	Dellinger	175	61	10/27/1981
	R.	4,390,067	06/28/1983	Willman	166	245	04/06/1981
	S.	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
	T.	4,397,360	08/09/1983	Schmidt	175	61	07/06/1981
-	U.	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981
	V.	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
	W.	4,437,706	03/20/1984	Johnson	299	7	08/30/1981
	X.	4,442,896	04/17/1984	Reale et al.	166	278	07/21/1982
	Y.	4,494,616	01/22/1985	McKee	175	67	07/18/1983
	Z.	4,512,422	04/23/1985	Knisley	175	99	06/28/1983
	AA.	4,519,463	05/28/1985	Schuh	175	61	03/19/1984
	BB.	4,527,639	07/09/1985	Dickinson, III et al.	175	61	03/02/1983
	CC.	4,532,986	08/06/1985	Mims et al.	166	50	05/05/1983

EXAMINER

DATE CONSIDERED

B 1 6 2004 '

U.S. PATENT DOCUMENTS

\$UBCLASS 369 335 269 78 314 62	FILING DATE 02/21/1984 09/13/1983 03/08/1984 08/09/1984 12/24/1984
335 269 78 314	09/13/1983 03/08/1984 08/09/1984
269 78 314	03/08/1984
78 314	08/09/1984
314	
	12/24/1984
62	
	06/08/1984
61	08/03/1984
2	05/11/1984
267	08/08/1984
307	04/26/1984
303	12/20/1984
45	03/07/1985
245	03/03/1986
267	12/20/1984
100	07/14/1986
61	03/11/1987
263	04/28/1987
61	12/23/1985
61	08/08/1984
241	02/08/1988
7	05/09/1988
23	05/18/1988
215	06/07/1988
61	04/07/1988
248	08/22/1990
12	10/26/1989
245	06/26/1987
(()	7 223 215 51 248

EXAMINER DATE CONSIDERED

Applicant(s) Application No. PTO-1449 Steven R. Pauley 10/715,300 Docket Number Group Art Unit Filing Date Information Disclosure Citation 067083.0215 November 17, 2003 in an Application 6 2004 **U.S. PATENT DOCUMENTS** TO A DEMAND **FILING DATE** DOCUMENT NO. **CLASS SUBCLASS DATE** NAME 02/16/1990 07/30/1991 Dinerman et al. 481 018 5,035,605 08/06/1991 Pittard et al. 166 298 06/28/1990 B. 5,036,921 166 281 07/10/1990 12/24/1991 Guinn C. 5,074,360 175 40 09/14/1990 12/24/1991 Kuckes D. 5,074,365 12/24/1991 Karlsson et al. 175 76 12/24/1991 E. 5,074,366 248 08/22/1990 166 01/21/1992 Kiamanesh F. 5,082,054 05/12/1992 Kvello-Aune 175 258 12/24/1990 G. 5,111,893 71 04/26/1990 08/04/1992 Millgard et al. 175 Н. 5,135,058 09/24/1991 09/22/1992 Karlsson et al. 175 62 ī. 5,148,875 04/29/1991 175 62 11/24/1992 Wilson J. 5,165,491 175 50 10/21/1991 K. 12/08/1992 Wydrinski 5,168,942 55.8 10/17/1991 166 Hailey L. 5,174,374 12/29/1992 382 08/05/1991 М. 5,193,620 03/16/1993 Braddick 166 02/08/1991 340 853.4 03/16/1993 Warren 5,194,859 N. 08/14/1991 57 O. 5,197,553 03/30/1993 Leturno 175 04/29/1991 Theimer et al. 299 17 Ρ. 5,197,783 03/30/1993 10/18/1991 166 366 Q. 5,199,496 04/06/1993 Redus et al. 269 12/27/1991 175 R. 5,201,817 04/13/1993 Hailey 09/27/1991 166 303 S. 5,217,076 06/08/1993 Masek 405 143 11/07/1991 08/31/1993 Yamaguchi et al. Т. 5,240,350 12/27/1991 U. 5,242,017 09/07/1993 Hailey 166 55.8 V. 09/07/1993 Neill et al. 175 26 06/30/1992 5,242,025 05/13/1991 W. 299 4 5,246,273 09/21/1993 Rosar X. 5,255,741 10/26/1993 Alexander 166 278 12/11/1991 12/21/1993 175 107 10/14/1992 Y. 5,271,472 Leturno 175 61 09/10/1992 5,301,760 04/12/1994 Graham Z. 5,363,927 67 09/27/1993 AA. 11/15/1994 Frank 175 DATE CONSIDERED **EXAMINER**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

FEB

PTO-1449 PE

Information Disclosure Citation

Application No. 10/715,300

Applicant(s)
Steven R. Pauley
Group Art Unit

Docket Number 067083.0215 Filing Date
November 17, 2003

U.S. PATENT DOCUMENTS

B. C.		DATE 01/31/1995 03/07/1995	NAME Hailey	CLASS	SUBCLASS	FILING DATE
C.			Hailey	1 166	1 550	
C.		02/07/1005		100	55.8	10/04/1993
C.		03/0//1993	Gardes	175	45	05/21/1993
D.	5,402,851	04/04/1995	Baiton	166	369	05/03/1993
1	5,411,082	05/02/1995	Kennedy	166	181	01/26/1994
E.	5,411,085	05/02/1995	Moore et al.	166	242	11/01/1993
F.	5,411,104	05/02/1995	Stanley	175	65	02/16/1994
G.	5,411,105	05/02/1995	Gray	175	69	06/14/1994
H.	5,431,220	07/11/1995	Lennon et al.	166	55.7	03/24/1994
I.	5,435,400	07/25/1995	Smith	175	61	05/25/1994
J	5,447, 416	09/05/1995	Wittrisch	417	442	03/28/1994
K.	5,450,902	09/19/1995	Matthews	166	268	05/14/1993
L.	5,454,419	10/03/1995	Vloedman	166	277	09/19/1994
M.	5,458,209	10/17/1995	Hayes et al.	175	61	06/11/1993
N.	5,462,116	10/31/1995	Carroll	166	249	10/26/1994
Ο.	5,462,120	10/31/1995	Gondouin	166	380	01/04/1993
P.	5,469,155	11/21/1995	Archambeault et al.	340	853.4	07/11/1994
Q.	5,477,923	12/26/1995	Jordan, Jr. et al.	66	313	01/26/1994
R.	5,485,089	01/16/1996	Kuckes	324	346	10/08/1993
S.	5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
T.	5,499,687	03/19/1996	Lee	175	317	11/18/1991
U.	5,501,273	03/26/1996	Puri	166	252.5	10/04/1994
V.	5,501,279	03/26/1996	Garg et al.	166	372	01/12/1995
W.	5,584,605	12/17/1996	Beard et al.	405	128	06/29/1995
X	5,613,242	03/18/1997	Oddo	588	17	12/06/1994
Y.	5,615,739	04/01/1997	Dallas	166	306	04/30/1996
Z.	5,669,444	09/23/1997	Riese et al.	166	263	01/31/1996
AA.	5,680,901	10/28/1997	Gardes	166	313	12/14/1995
BB.	5,690,390	11/25/1997	Bithell	299	4	04/19/1996
CC.	5,706,871	01/13/1998	Anderson et al.	141	59	08/15/1995
	E. F. G. H. I. J K. L. M. N. O. P. Q. R. S. T. U. V. W. X Y. Z. AA. BB.	E. 5,411,085 F. 5,411,104 G. 5,411,105 H. 5,431,220 I. 5,435,400 J. 5,447, 416 K. 5,450,902 L. 5,454,419 M. 5,458,209 N. 5,462,116 O. 5,462,120 P. 5,469,155 Q. 5,477,923 R. 5,485,089 S. 5,494,121 T. 5,499,687 U. 5,501,273 V. 5,501,273 V. 5,501,279 W. 5,584,605 X 5,613,242 Y. 5,615,739 Z. 5,669,444 AA. 5,680,901 BB. 5,690,390	E. 5,411,085 05/02/1995 F. 5,411,104 05/02/1995 G. 5,411,105 05/02/1995 H. 5,431,220 07/11/1995 I. 5,435,400 07/25/1995 J. 5,447,416 09/05/1995 K. 5,450,902 09/19/1995 L. 5,454,419 10/03/1995 M. 5,458,209 10/17/1995 N. 5,462,116 10/31/1995 O. 5,462,120 10/31/1995 P. 5,469,155 11/21/1995 Q. 5,477,923 12/26/1995 R. 5,485,089 01/16/1996 S. 5,494,121 02/27/1996 T. 5,499,687 03/19/1996 U. 5,501,273 03/26/1996 V. 5,501,279 03/26/1996 V. 5,513,242 03/18/1997 Y. 5,615,739 04/01/1997 Z. 5,669,444 09/23/1997 BB. 5,690,390 11/25/1997	E. 5,411,085 05/02/1995 Moore et al. F. 5,411,104 05/02/1995 Stanley G. 5,411,105 05/02/1995 Gray H. 5,431,220 07/11/1995 Lennon et al. I. 5,435,400 07/25/1995 Wittrisch J. 5,447,416 09/05/1995 Wittrisch K. 5,450,902 09/19/1995 Matthews L. 5,454,419 10/03/1995 Vloedman M. 5,458,209 10/17/1995 Hayes et al. N. 5,462,116 10/31/1995 Carroll O. 5,462,120 10/31/1995 Gondouin P. 5,469,155 11/21/1995 Archambeault et al. Q. 5,477,923 12/26/1995 Jordan, Jr. et al. R. 5,485,089 01/16/1996 Kuckes S. 5,494,121 02/27/1996 Nackerud T. 5,499,687 03/19/1996 Lee U. 5,501,273 03/26/1996 Puri V. 5,501,279 03/26/1996 Garg et al. W. 5,584,605 12/17/1996 Beard et al. X 5,613,242 03/18/1997 Oddo Y. 5,615,739 04/01/1997 Dallas Z. 5,669,444 09/23/1997 Riese et al. AA. 5,680,901 10/28/1997 Bithell	E. 5,411,085	E. 5,411,085

EXAMINER

DATE CONSIDERED

Page 7 of 16

PIO-1	449		Application No. 10/715,300	Applicant(s) Steven R. Pau	Applicant(s) Steven R. Pauley		
	mation Disclosi		Docket Number 067083.0215	Group Art Unit	Filing Date November	17, 2003	
6 2004	🐒 in an Applica	tion	U.S. PATENT DOCU	MENTS			
- 1-	B DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DAT	
A	5,720,356	02/24/1998	Gardes	175	62	02/01/1996	
EWE B	5,727,629	03/17/1998	Blizzard, Jr. et al.	166	298	01/24/1996	
С	5,735,350	04/07/1998	Longbottom et al.	166	313	10/15/1996	
D	5,771,976	06/30/1998	Talley	166	370	07/19/1996	
E	5,785,133	07/28/1998	Murray et al.	175	61	08/29/1995	
F	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997	
G	5,853,054	12/29/1998	McGarian et al.	175	267	07/22/1997	
Н	5,853,056	12/29/1998	Landers	175	424	04/01/1996	
1	5,853,224	12/19/1998	Riese	299	13	01/21/1997	
J	5,863,283	01/26/1999	Gardes	588	250	02/10/1997	
К	5,868,202	02/09/1999	Hsu	166	256	09/22/1997	
L	5,868,210	02/09/1999	Johnson et al.	175	40	05/01/1996	
М	5,879,057	03/09/1999	Schwoebel et al.	299	17	11/12/1996	
N	5,884,704	03/23/1999	Longbottom et al.	16	313	08/20/1997	
0	5,917,325	06/29/1999	Smith	324	326 ·	08/25/1997	
Р	5,934,390	08/10/1999	Uthe	175	67	12/23/1997	
Q	5,938,004	08/17/1999	Roberts et al.	198	812	02/14/1997	
R	5,941,308	08/24/1999	Malone et al.	166	313	12/18/1996	
S	5,957,539	09/28/1999	Durup et al.	299	4	07/17/1997	
т	5,971,074	10/26/1999	Longbottom et al.	166	313	07/01/0998	
U	6,012,520	01/11/2000	Yu et al.	166	245	01/04/1999	
V	6,015,012	01/18/2000	Reddick	166	313	08/29/1997	
w	6,024,171	02/15/2000	Montgomery et al.	166	308	03/12/1998	
X	6,050,335	04/18/2000	Parsons	166	272.3	10/26/1998	
Y	6,056,059	05/02/2000	Ohmer	166	313	07/24/1997	
Z	6,065,550	05/23/2000	Gardes	175	62	02/19/1998	
A	A 6,119,771	09/19/2000	Gano et al.	166	50	01/27/1998	
В	B 6,135,208	10/24/2000	Gano et al.	166	313	05/28/1998	
С	C 6,209,636	04/03/2001	Roberts et al.	166	117.6	03/07/1999	
EXAM	INER	1	DATE	CONSIDERED		,	
EXAM	NER: Initial if citation if not in conformance as		nether or not citation is	in conformance with			

DAL01:780979.1

PTO-1449				Application No. 10/715,300		•	Steven R. Pauley		
तीप	forn C	nation Disclosu in an Applicat	re Citation ion	Docket Number 067083.0215	Group Art Unit	Filing Date November	r 17, 2003		
16	2004	ω _\		U.S. PATENT DOCUMEN	NTS				
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	DATE	
GADE		6,280,000	08/28/2001	Zupanick	299	12	11/20/19	998	
BADE	В.	6,349,769	02/26/2002	Ohmer	166	313	03/03/20	000	
	C.	6,357,523	03/19/2002	Zupanick	166	52	11/19/19	99	
	D.	6,425,448	07/30/2002	Zupanick et al.	175	61	01/30/20	001	
	E.	6,439,320	08/27/2002	Zupanick	166	313	03/03/20	000	
	F.	6,450,256	09/17/2002	Mones	166	250.01	06/06/20	001	
	G.	6,454,000	09/24/2002	Zupanick	166	243	10/24/20	000	
	Н.	6,457,540	10/01/2002	Gardes	175	62	01/29/20	001	
	l.	6,478,085	11/12/2002	Zupanick	166	50	02/20/20	001	
	J.	6,497,556	12/24/2002	Zupanick	417	85	04/24/20	001	
	K.	6,561,288	05/13/2003	Zupanick	175	69	06/20/20	001	
	L.	6,566,649	05/20/2003	Mickael	250	269.3	05/26/20	000	
	M.	6,571,888	06/03/2003	Comeau	175	61	05/14/20	001	
	N.	6,575,235	06/10/2003	Zupanick	166	50	09/15/20	002	
	Ο.	6,577,129	06/10/2003	Thompson	324	338	01/19/20	002	
	Ρ.	6,585,061	07/01/2003	Radzinski	175	45	10/15/20	001	
	Q.	6,590,202	07/08/2003	Mickael	250	269.4	05/08/20	001	
	R.	6,591,903	07/15/2003	Ingle	166	50	12/06/20	001	
	S.							_	
	T.								
	U.		-						
			F	OREIGN PATENT DOCUM	IENTS		1	_	
1			<u> </u>				TRANSL	OITA	
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
				NON-PATENT DOCUMEN	NTS	1		·	
		DOCU	MENT (Include	ng Author, Title, Source, a	and Partinant Page		DA		
EXAI	MINE		MICINI (INCINOI		NSIDERED		1 DA	1 ha	

PTO-14			Application No. 10/715,300	Applicant(s) Steven R. Pa	uley		
Infoi	mation Disclosu m an Applicat	re Citation ion	Docket Number 067083.0215	Group Art Unit	Filing Date November		
B 1 6 20	04 %		U.S. PATENT DOCUME	-NTS			
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DA	
GADEWA		07/29/2003	Zupanick	175	62	01/24/2001	
B		08/12/2003	Zupanick	166	245	04/15/2002	
C.	6,604,910	08/12/2003	Zupanick	417	36	04/24/2001	
D.	6,607,042	08/19/2003	Hoyer et al.	175	38	05/17/2001	
E.	6,636,159	10/21/2003	Winnacker	340	854.3	06/25/2000	
F.	6,639,210	10/28/2003	Odom et al.	250	269.6	03/14/2001	
G	6,646,411	11/11/2003	Thompson et al.	324	338	01/19/2002	
H.	6,653,839	11/25/2003	Yuratich et al.	324	355	12/28/2001	
1.	6,662,870	12/16/2003	Zupanick	166	245	01/03/2001	
J.	6,668,918	12/30/2003	Zupanick	166	50	06/07/2002	
К.	6,679,322	01/20/2004	Zupanick	166	50	09/26/2002	
L.	6,681,855	01/27/2004	Zupanick	166	50	10/19/2001	
M.	6,688,388	02/10/2004	Zupanick	166	50	06/07/2002	
N.							
0.	-						
P.							
Q.			- /- 	-			
R.							
S.							
T.							
U.							
V.							
		F	OREIGN PATENT DOCU	MENTS		<u> </u>	
	DOCUMENT NO.	<u> </u>				TRANSLATIO	
	<u> </u>	DATE	COUNTRY NON-PATENT DOCUME	CLASS	SUBCLASS	YES N	
	DOCU	MENT (Includi	ng Author, Title, Source,	and Pertinent Page	s)	DATE	
EXAMIN	NER			<u>.</u>		2012	
	ER: Initial if citation not in conformance and		ether or not citation is in				



Information Disclosure Citation in an Application

Application No.
10/715,300

Docket Number
067083.0215

Applicant(s)
Steven R. Pauley

Group Art Unit
Filing Date
November 17, 2003

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING I
A.	2002/0074120	06/20/2002	Scott	166	313	12/15/200
В.	2002/0074122	06/20/2002	Kelly et al.	166	313	05/16/200
C.	2002/0050358	05/02/2002	Algeroy	166	313	09/27/200
D	2003/0075334	04/24/2003	Haugen et al.	166	313	09/16/200
E.	2003/0062198	04/03/2003	Gardes	175	61	09/30/200
F.	2003/0106686	06/12/2003	Ingle et al.	166	245	12/06/200
Ġ.	2003/0066686	04/10/2003	Conn	175	57	10/04/200
Н.	2001/0096336	11/01/2001	Zupanick	175	161	02/20/200
I.	2002/0189801	12/19/2002	Zupanick	166	50	07/01/200
J.	2002/0108746	08/15/2002	Zupanick	166	50	04/15/200
K.	2002/0117297	08/29/2002	Zupanick	166	50	04/15/200
L.	2004/0007389	01/15/2004	Zupanick	175	61	07/12/200
M.	2004/0007390	01/15/2004	Zupanick	175	61	07/12/200
N.						-
Ο.						
P.				-		
Q.						
R.						
S.					-	_
T.						
U.						
V.		*******				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.					TRANSL	ATION
		DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
			NON-PATENT DOCUMENTS				· <u> </u>
•							

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)

DATE

EXAMINER

O 1 P E C 1004 W

in an Application

PTO-1449

Application No.
10/715,300

Docket Number
067083.0215

Applicant(s)
Steven R. Pauley

Group Art Unit
Filing Date
November 17, 2003

U.S. PATENT DOCUMENTS

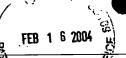
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	DATE
			FOREIGN PATENT DOCUME	ENTS			
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
Α.	94/21889	09/29/1994	wo	E21B	43/24	X	
B.	0 875 661 A1	11/04/1998	EP	E21B	43/30	X	
C.	0 952 300 A1	10/27/1999	EP	E21B	7/12	X	
D.	00/31376	06/02/0000	wo	E21C	41/00	X	
E	WO 99/60248	11/25/1999	PCT	E21B	43/30	X	
F.	WO 00/79099	12/28/2000	PCT	E21B	43/25	X	
G.	WO 02/059455	08/01/2002	PCT	E21B	43/00	X	
Н.	WO 02/18738	03/07/2002	PCT	E21B	07/04	X	
I.	GB 2297 988	08/21/1996	UK	E21B	07/08	X	
J.	GB 2347157	08/30/02	UK	E21B	43/00	X	
K.	WO 03/102348	12/11/2003	PCT	E21B		X	
L.	WO 03/061238	08/08/2002	PCT	E21B	43/00	X	
М.	SU-1448078-A1	03/25/1987	Russia	E21	F 5/00-F 7/00	•	X
N.	SU-1770570-A1	03/30/1990	Russia	E21	F 7/00		X
0.	SU-750108	06/26/1975	Russia	E21	C 45/00		X

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
P.	Examiner of Record, Office Action Response regarding the Interpretation of the three Russian Patent Applications listed above under Foreign Patent Documents (9 pages)	Date Unknown
Q.		
R.		
S.		
Ť.		

EXAMINER

DATE CONSIDERED



Application No. Applicant(s) PTO-1449 Steven R. Pauley 10/715.300 Docket Number **Group Art Unit** Filing Date Information Discressure Citation 067083.0215 November 17, 2003 in an Application **U.S. PATENT DOCUMENTS CLASS SUBCLASS FILING DATE** DOCUMENT NO. DATE NAME FOREIGN PATENT DOCUMENTS TRANSLATION **SUBCLASS** DOCUMENT NO. **CLASS** DATE COUNTRY YES NO **NON-PATENT DOCUMENTS DOCUMENT (Including Author, Title, Source, and Pertinent Pages)** DATE McCray and Cole, "Oil Well Drilling and Technology," University of Oklahoma Press, pp 315-319. 1959 A. Berger and Anderson, "Modern Petroleum;" Penn Well Books, pp. 106-108. 1978 B. Arfon H. Jones et al., A Review of the Physical and Mechanical Properties of Coal with Implications for Coal-1988 C. Bed Methane Well Completion and Production, Rocky Mountain Association of Geologists, pages 169-181 Howard L. Hartman, et al.; "SME Mining Engineering Handbook;" Society for Mining, Metallurgy, and 1992 D. Exploration, Inc.; pp. 1946-1950, 2nd Edition, Volume 2. Dave Hassan, Mike Chernichen, Earl Jensen, and Morley Frank; "Multi-lateral technique lowers drilling costs, 10/1999 E. provides environmental benefits", Drilling Technology, pp. 41-47. Gopal Ramaswamy, "Production History Provides CBM Insights," Oil & Gas Journal, pages 49, 50 and 52. 04/02/2001 F. Weiguo Chi and Luwu Yang, "Feasibility of Coalbed Methane Exploitation in China," Horizontal Well 09/2001 Ğ. Technology, page 74 Nackerud Product Description, Harvest Tool Company, LLC, 1 page. Received H. 09/27/2001 10/2001 Ī. Gopal Ramaswamy, "Advanced Key for Coalbed Methane," The American Oil & Gas Reporter, Pages 71 & 03/25/2002 Joseph C. Stevens, Horizontal Applications For Coal Bed Methane Recovery, Strategic Research Institute, J. pages 1-10 (slides) R.J. "Bob" Stayton, "Horizontal Wells Boost CBM Recovery", Special Report: Horizontal & Directional 08/2002 K. Drilling, The American Oil & Gas Reporter, pp. 71-75 P. Jackson and S. Kershaw, "Reducing Long Term Methane Emissions Resulting from Coal Mining, Energy 1996 L. Convers. Mgmt, Vol. 37, Nos 6-8, pp. 801-806 09/2002 Susan Eaton, "Reversal of Fortune", New Technology Magazine, pp. 30-31 M. 09/2002 James Mahony, "A Shadow of Things to Come", New Technology Magazine, pp. 28-29 N. Documents Received from Third Party, Great Lakes Directional Drilling, Inc., (12 pages) Received Ō. 09/12/02 DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DAL01:780979.1

07/11/2003

07/11/2003

07/11/2003



Information Disclosure Citation in an Application

Application No. Applicant(s) 10/715,300 Steven R. Pauley **Docket Number Group Art Unit** Filing Date **November 17, 2003** 067083.0215

	III ali Applicati								
	U.S. PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING I	DATE		
			FOREIGN PATENT DOCUMENT	S					
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA YES	NO NO		
<u> </u>			NON-PATENT DOCUMENTS						
	DOCU	MENT (Includ	ing Author, Title, Source, and P	ertinent Page	s)	DAT	E .		
A.	Robert W. Taylor and Middle East, Oil & Gas		ell, "Multilateral Technologies Inc. 80	rease Operation	al Efficiencies in	03/16/1998	8		
B.	Adam Pasiczynk, "Evo	lution Simplifies	Multilateral Wells", Directional Dri	lling, pp. 53-55		06/2000			
C.	Steven S. Bell, "Multila	ateral System wi	th Full Re-Entry Access Installed", V	Vorld Oil, p. 29		06/1996			
D.	Pascal Breant, "Des Pu	its Branches, Ch	ez Total: les puits multi drains", Tot	al Exploration P	roduction, pp. 1-5	01-1999			
E.			n Exploitation Coalbed Methane throlleum Engineers (SPE International),		Network Drilling	11/7/2000			
F.	Chi, Weiguo, "Feasibil	ity of Coalbed M	fethane Exploitation in China", syno	psis of paper SP	E 64709, 1 page	11/7/2000			
G.			ane Well Completions and Stimula the American Association of Petrole		14, pp. 303-339,	1993			
H.	Subterranean Zone Usi	ng an Enlarged (=			08/15/2003	3		
1.	Notification of Transm November 6, 2003 (8 p	nittal of the Inte ages) re Internat	rnational Search Report or the Decional Application No. PCT/US 03/21	laration (PCT I 626	Rule 44.1) mailed	07/11/2003	3		

EXAMINER

K.

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed

Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed

Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed

November 5, 2003 (8 pages) re International Application No. PCT/US 03/21627

November 4, 2003 (7 pages) re International Application No. PCT/US 03/21628

December 5, 2003 (8 pages) re International Application No. PCT/US 03/21750



TO-1449	9 11	N. C.	Application No. 10/715,300	Applicant(s) Steven R. Pa		
Inform	mation Disclosur in an Applicati	e Citation	Docket Number 067083.0215	Group Art Unit	Filing Date November	17, 2003
			U.S. PATENT DOCUM	IENTS		
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
			NON-PATENT DOCUM	MENTS		
	DOCU	MENT (Includi	ng Author, Title, Source	e, and Pertinent Page	s)	DATE
A.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed December 19, 2003 (8 pages) re International Application No. PCT/US 03/28137 Filed 09/09/2003					
B .	February 4, 2004 (8 pag	ges) re Internatio	nal Application No. PCT/U	S 03/26124		Filed 09/09/2003
C.	Smith, Maurice, "Chasi Magazine, October/Nov		nal Gas Unconventionally, 1-4.	' CBM Gas Technology,	New Technology	10/2003 - 11/2003
D.	recollection, first receiv	ed at The Canad	palbed Methane and Shale ian Institute Coalbed Methaer, 6 pages of document.			06/16/2002 - 06/17/2002
E		, first received	-Lateral Drilling for Uncorat The Unconventional Gaages of document.			12/09/2003
F.		on, first received	ic Imaging Programs for Co d at The Unconventional Ga ages of document.			12/10/2003
G.			l, "Well Control Operations, "Well Control Operations, Volume 22, Part I - pp. 1			01/2002
Н.	Vector Magnetics LLC,	Case History, C	alifornia, May 1999, "Succe	essful Kill of a Surface B	lowout," pp. 1-12.	05/1999
ı.	Intervention on a	Multi-Well	Well Control Operations-A Offshore Platform ure/successful/successful_w	Blowout and Fire		2000
J.	R. Purl, et al., "Damage	to Coal Permea	bility During Hydraulic Fro	acturing," pp. 109-115 (S	SPE 21813)	1991
K.			Energy, "Multi-Seam Well Production," pp. 1-100, A-1		Implications for	09/2003
L.			1 Energy, "Powder River I D. 1-111, A-1 through A14	Basin Coalbed Methane	Development and	09/2003
XAMINI	ER		DATE	CONSIDERED		
			ether or not citation is l. Include copy of this fo			



Information Disclosure Citation in an Application

Application No.
10/715,300

Docket Number
067083.0215

Applicant(s)
Steven R. Pauley
Filing Date
November 17, 2003

U.S. PATENT DOCUMENTS

DOCUMENT NO. DATE NAME CLASS SUBCLASS FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS YES NO

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
A.	Zupanick, U.S. Patent Application, entitled "Method and System for Underground Treatment of Materials," SN 10/142,817	05/08/200
B.	Zupanick, U.S. Patent Application, entitled "Multi-Well Structure for Accessing Subterranean Deposits," SN 09/788,897	02/20/200
C.	Zupanick, U.S. Patent Application, entitled "Slant Entry Well System and Method," SN 10/004,316	10/30/200
D	Zupanick, U.S. Patent Application, entitled "Undulating Well Bore", SN 10/194,366	07/12/200
E.	Zupanick, U.S. Patent Application, entitled "Accelerated Production of Gas from a Subterranean Surface", SN 10/246,052	09/17/200
F.	Zupanick, U.S. Patent Application, entitled "Ramping Well Bores", SN 10/194,367	07/12/200
G.	Zupanick, U.S. Patent Application, entitled "System and Method for Subterranean Access", SN 10/227,057	08/22/200
Н.	Zupanick, U.S. Patent Application, entitled "Method and System for Controlling Pressure in a Dual Well System", SN 10/244,082	09/12/200
1.	Zupanick, U.S. Patent Application, entitled "Wellbore Sealing System and Method," SN 10/194,368	07/12/200
J.	Zupanick, U.S. Patent Application, entitled "Wellbore Sealing System and Method," SN 10/194,422 PUBLISHED	07/12/200
K.	Zupanick, U.S. Patent Application, entitled "Three-Dimensional Well System for Accessing Subterranean Zones," SN 10/244,083	09/12/200
L	Zupanick, U.S. Patent Application, entitled "Method of Drilling Lateral Wellbores from a Slant Well Without Utilizing a Whipstock", SN 10/267,426	10/08/200
M	Zupanick, U.S. Patent Application, entitled "Method and System for Circulating Fluid in a Well System", SN 10/323,192	12/18/200
N	Zupanick, U.S. Patent Application, entitled "Method and System for Removing Fluid from a Subterranean Zone Using and Enlarged Cavity", SN 10/264,535	10/03/200

EXAMINER DATE CONSIDERED

PTO-1449 PTO

Information Disclosure Citation in an Application Application No.
10/715,300

Docket Number
067083.0215

Applicant(s)
Steven R. Pauley
Group Art Unit

Unit Filing Date
November 17, 2003

U.S. PATENT DOCUMENTS

DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	-				

FOREIGN PATENT DOCUMENTS

						TRANSL	ATION
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

NON-PATENT DOCUMENTS

1	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
A.	Zupanick, U.S. Patent Application, entitled "Method and System for Controlling the Production Rate, SN 10/328,408	12/23/2002
B.	Rial, U.S. Patent Application, entitled "Method and System for Accessing a Subterranean Zone from a Limited Surface Area, SN 10/188,141	07/01/2002
C.	Zupanick, U.S. Patent Application, entitled "Three-Dimensional Well System for Accessing Subterranean Deposits from the Surface and Tools Therefor," SN 10/630,345	07/29/2003
F.	Rial, U.S. Patent Application, entitled "Method and System for Recirculating Fluid in a Well System," SN 10/457,103	06/05/2003
G.	Zupanick, U.S. Patent Application, entitled "Wellbore Sealing System and Method," SN 10/406,037 Published	07/12/2002
H.	Zupanick, U.S. Patent Application, entitled "Method and System for Accessing Subterranean Deposits from the Surface," SN 10/641,856	08/15/2003
I.		
J.		
K.		
L.		
M.		
N.		
О.		
P.		

EXAMINER DATE CONSIDERED